Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 05 Mar 2023 until 23:59 on Monday 06 Mar 2023

Forecast Issued on Sunday 05 Mar 2023 at 02:02

Confidence: High for light winds on Sunday but lower for extent of showers. High for a change to very cold but mainly dry weather early next week.

Headline for Sunday 05 Mar 2023: Mainly cloudy with a few wintry showers and light winds. Feeling cold.

Mountain weather hazards on Sunday 05 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Cloudy	Dull	Dull	Cloudy	Cloudy
Precipitation probability					
30%	30%	30%	30%	20%	20%

Forecast for Sunday 05 Mar 2023

Weather: Mainly cloudy with a few scattered showers, falling as sleet or snow above 400m. A lot of dry weather too with showers gradually dying out late in the afternoon. Some late brightness, but showers may return again from the northwest late in the evening, wintry on the tops.

Chance of cloud-free hill tops above 800m: 40%, becoming 70% late afternoon.

Low cloud and visibility: Patchy cloud and fog above 500 or 600m, clearing late in the afternoon. Away from cloud, mainly good visibility but dropping to a few kilometres for short spells in showers.

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Mountain Weather Forecast

Forecast for Sunday 05 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/7 S	8/10 SW	8/12 W	9/12 NW	6/8 NW	7/9 N	7/9 NW
600	5/7 S	8/10 SW	7/11 W	7/11 NW	5/8 NW	4/7 NW	6/9 W
300	1/5 S	2/7 SW	4/10 W	4/10 NW	3/6 NW	2/5 NW	3/7 NW
Valley	1/2 N	1/5 SW	4/8 W	4/9 NW	3/6 W	2/5 W	3/6 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-7	-3/-8	-2/-6	-2/-6	-2/-6	-2/-6	-2/-6
600	-1/-4	-1/-5	0/-3	1/-2	0/-3	-0/-3	-1/-4
300	1/-0	2/1	3/2	4/2	2/1	1/-0	1/-1
Valley	3/2	4/3	5/4	6/5	5/4	4/2	4/2
Freezing Level*	400m	400m	500m	600m	600m	600m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold and cloudy day in the hills but a lot of dry weather and light winds.

Forecast for Monday 06 Mar 2023

Weather: Cloudy overnight and morning with showery rain, falling as snow above 600m initially then above 300m by midday. Becoming dry with sunny intervals in the afternoon and turning much colder. Dry and clear in the evening.

Maximum wind: Westerly 15mph gusts 25mph, turning northerly in the afternoon.

Chance of cloud-free hill tops above 800m: 20% in morning improving to 80% through the afternoon.

Low cloud and visibility: Occasionally poor overnight and during the morning with areas of cloud, bases 400 to 600m. Cloud lifting and breaking in the afternoon with visibility improving.

Temperature: **Valleys:** Plus 4C rising to 7C, falling to Plus 1C later.
At 800m: Plus 1C falling to Minus 2C in afternoon then Minus 5C in evening.
Freezing level: 900m lowering to 400m in afternoon, then less than 200m in evening.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 4 March, Location: Helvellyn summit at 11:49. Full report: A cool and generally clear day with very light winds even over high and exposed areas. The Lakeland fells are almost entirely snow free with just a few small and isolated patches of old snow present around north and east-facing slopes on Helvellyn and these are generally confined to areas above roughly 930m and are not in areas that walkers are likely to venture.

There is however a very light dusting of new snow and more significant quantities of rime ice above roughly 800m coating rock and grass that is exposed to the wind. The ground is also partially frozen in these areas and Swirral Edge in particular is very slippery in its upper reaches due to snow and ice being compressed by walker's feet.

A change in wind direction to a more north-westerly flow is forecast tomorrow and this may bring further precipitation which is likely to fall as snow over high ground. Anyone venturing out tomorrow should anticipate and be prepared for more snow than described here.

Full winter clothing (warm and waterproof) including hats and gloves and equipment including a map, compass, and headtorch are all essential. Microspikes are also advisable particularly for the upper section of Swirral Edge.

Temperature: minus 2.3C, Maximum wind speed 4.2mph, Wind chill: minus 5.8C, Average wind speed: 1.7mph.

Issued at: 02:02 on Sun 05 Mar 2023

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